MercÃ¨ Torres i Grifo

List of Publications by Year
in descending order

32 papers	311 citations	840776 11 h-index	940533 16 g-index
32 all docs	32 docs citations	32 times ranked	396 citing authors

#	Article	IF	Citations
1	Analysis of Underivatizated Patulin by a GC-MS Technique. Journal of Food Protection, 1999, 62, 202-205.	1.7	31
2	Endophytic Fungi Associated with Mediterranean Plants as a Source of Mycelium-Bound Lipases. Journal of Agricultural and Food Chemistry, 2003, 51, 3328-3333.	5.2	31
3	Determination of the iodine value of biodiesel using 1H NMR with 1,4-dioxane as an internal standard. Fuel, 2010, 89, 3489-3492.	6.4	20
4	Influence of age on ergosterol content in mycelium of Aspergillus ochraceus. Letters in Applied Microbiology, 1992, 15, 20-22.	2.2	19
5	Fate of Fumonisin B1in Corn Kernel Steeping Water Containing SO2. Journal of Agricultural and Food Chemistry, 1999, 47, 276-278.	5.2	17
6	Effect of fungal metabolites and some derivatives againstTribolium castaneum(Herbst) andNezara viridula(L.). Pest Management Science, 1995, 45, 319-323.	0.4	14
7	Bactericidal and fungicidal activity ofAspergillus ochraceusmetabolites and some derivatives. , 1998, 53, 9-14.		14
8	Parallel Synthesis:Â A New Approach for Developing Analytical Internal Standards. Application to the Analysis of Patulin by Gas Chromatographyâ^'Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2005, 53, 6643-6648.	5.2	14
9	Lipase activity and enantioselectivity of whole cells from a wild-type Aspergillius flavus strain. Journal of Molecular Catalysis B: Enzymatic, 2014, 100, 78-83.	1.8	14
10	Biocatalytic Transformation of 5-Hydroxymethylfurfural into 2,5-di(hydroxymethyl)furan by a Newly Isolated Fusarium striatum Strain. Catalysts, 2021, 11, 216.	3.5	14
11	Spectrophotometric Determination of the Positional Specificity of Nonspecific and 1,3-Specific Lipases. Analytical Biochemistry, 1997, 252, 186-189.	2.4	12
12	Combining regio- and enantioselectivity of lipases for the preparation of (R)-4-chloro-2-butanol. Chirality, 2007, 19, 44-50.	2.6	12
13	Solvent-free biocatalytic interesterification of acrylate derivatives. Catalysis Today, 2012, 196, 86-90.	4.4	11
14	Synthesis of poly(ethyl acrylate-co-allyl acrylates) from acrylate mixtures prepared by a continuous solvent-free enzymatic process. RSC Advances, 2012, 2, 9230.	3.6	11
15	Use of biobased crude glycerol, obtained biocatalytically, to obtain biofuel additives by catalytic acetalization of furfural using SAPO catalysts. Fuel, 2022, 319, 123803.	6.4	10
16	Production of patulin and griseofulvin by a strain of Penicillium griseofulvum in three different media. Mycopathologia, 1987, 99, 85-89.	3.1	8
17	Reactive extraction of acylglycerides using Aspergillus flavus resting cells. JAOCS, Journal of the American Oil Chemists' Society, 2003, 80, 347-351.	1.9	8
18	Title is missing!. Biotechnology Letters, 2000, 22, 1265-1268.	2.2	7

#	Article	IF	Citations
19	[BMIM] [PF6] Promotes the Synthesis of Halohydrin Esters from Diols Using Potassium Halides. Analytical Sciences, 2008, 24, 1341-1345.	1.6	7
20	Preparation of (S)-1-Halo-2-octanols Using Ionic Liquids and Biocatalysts. Molecules, 2009, 14, 4275-4283.	3.8	7
21	A Survey of aflatoxins and aflatoxigenic Aspergillus flavus in corn-based products from the Spanish market. Microbiological Research, 1995, 150, 437-440.	5.3	5
22	Direct Quantitation of Fatty Acids Present in Bacteria and Fungi: Stability of the Cyclopropane Ring to Chlorotrimethylsilane. Journal of Agricultural and Food Chemistry, 2008, 56, 4923-4927.	5.2	5
23	Reactive Extraction of the Acylglycerides Present in Various Materials using Rhizopus oryzae Resting Cells. Biocatalysis and Biotransformation, 2003, 21, 129-134.	2.0	3
24	Acylation of Chiral Alcohols: A Simple Procedure for Chiral GC Analysis. Journal of Analytical Methods in Chemistry, 2012, 2012, 1-10.	1.6	3
25	Entrapment in polymeric material of resting cells of Aspergillus flavus with lipase activity. Application to the synthesis of ethyl laurate. RSC Advances, 2014, 4, 38418-38424.	3.6	3
26	Entirely solvent-free biocatalytic synthesis of solketal fatty esters from soybean seeds. Comptes Rendus Chimie, 2016, 19, 749-753.	0.5	3
27	Chemoenzymatic Solvent-free Synthesis of 1-Monopalmitin Using a Microwave Reactor. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	2
28	Preparation of chiral glycerol derivatives using chemoenzymatic approaches. RSC Advances, 2014, 4, 34623.	3.6	2
29	Raw and waste plant materials as sources of fungi with epoxide hydrolase activity. Application to the kinetic resolution of aryl and alkyl glycidyl ethers. Biocatalysis and Biotransformation, 2018, 36, 78-88.	2.0	2
30	Reactive extraction of acylglycerides using a column bioreactor containingRhizopus oryzaeresting-cells. Biocatalysis and Biotransformation, 2006, 24, 201-208.	2.0	1
31	Chemoenzymatic solvent-free synthesis of 1-monopalmitin using a microwave reactor. Natural Product Communications, 2014, 9, 1095-8.	0.5	1
32	Effect of fungal mycelia on the HPLCâ€“UV and UVâ€“vis spectrophotometric assessment of mycelium-bound epoxide hydrolase using glycidyl phenyl ether. New Biotechnology, 2016, 33, 449-459.	4.4	0